

a flexible emboli capturing device mounted proximate the distal end, the expandable emboli capturing device forming a distally disposed emboli collection portion with a proximally opening mouth; and

a frame disposed on the mouth of the flexible emboli capturing device and connected to the elongate member.

32. (New) The emboli capturing system of claim 31, wherein the frame is slideably disposed about the elongate member.

33. (New) The emboli capturing system of claim 31, wherein the frame is attached to the elongate member proximal of where the flexible member is attached.

34. (New) The emboli capturing system of claim 31, wherein the frame includes a flexible material.

35. (New) The emboli capturing system of claim 31, wherein the frame includes a shape memory alloy.

36. (New) The emboli capturing system of claim 31 wherein the frame includes a continuous loop.